

REMARKS

Receipt of the Office Action of October 17, 2006 is gratefully acknowledged.

Claims 15 - 17 and 19 - 29 have been further examined with the following result: claims 19 and 21 - 27 have been rejected under 35 USC 101 because these claims "do not produce a useful, concrete and tangible result;" claims 20 and 27 are objected to ; claims 15 - 17, 19, 21 - 23 and 27 are rejected under 35 USC 1029b) by Epstein; claims 28 and 29 are rejected under 35 USC 102(e) by Sunshine et al; and claim 24 is rejected under 35 USC 103(a) by Epstein in view of Brobeil. In addition, claims 25 and 26 have been indicated as being allowable if rewritten in independent form.

Regarding the indication of the allowance of claims 25 and 26, it is presumed that the placement of these claims in independent form effectively overcomes the rejection of these claims under 35 USC 101.

In a bona fide effort to place this application in condition for allowance, claims 15 -19, 25 - 27 and 29 have been cancelled, claims 25 and 26 have been placed in independent form as new claims 30 and 31 and claims 20 - 24 have been amended to depend from claim 30. Claims 30, 31 and 20 -24 are, therefore, in prima facie condition for allowance.

One claims remains, and that is claim 28. This claim has been rejected, as noted above under 35 USC 102(e) by Sunshine et al. Applicant cannot agree with this rejection.

Claim 28 includes a computer unit, at least one measurement module and a multiplexer connected together. At this point, Sunshine et al can be argued to include this structure. But claim 28 also includes selection lines used for multiplexer control. These lines are not disclosed in Sunshine et al. These lines go to the very essence of

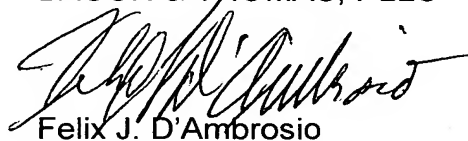
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the invention defined in claim 28. Without them being disclosed in Sunshine et al, Sunshine et al cannot anticipate claim 28.

In view of the foregoing, the examiner is urged to reconsider the rejection of claim 28 and to find it allowable along with claims 30, 31 and 20 - 24.

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Respectfully submitted,
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